

# CALIFORNIA HIGH-SPEED TRAIN

Alternative Analysis Alignment Maps

## San Jose to Merced

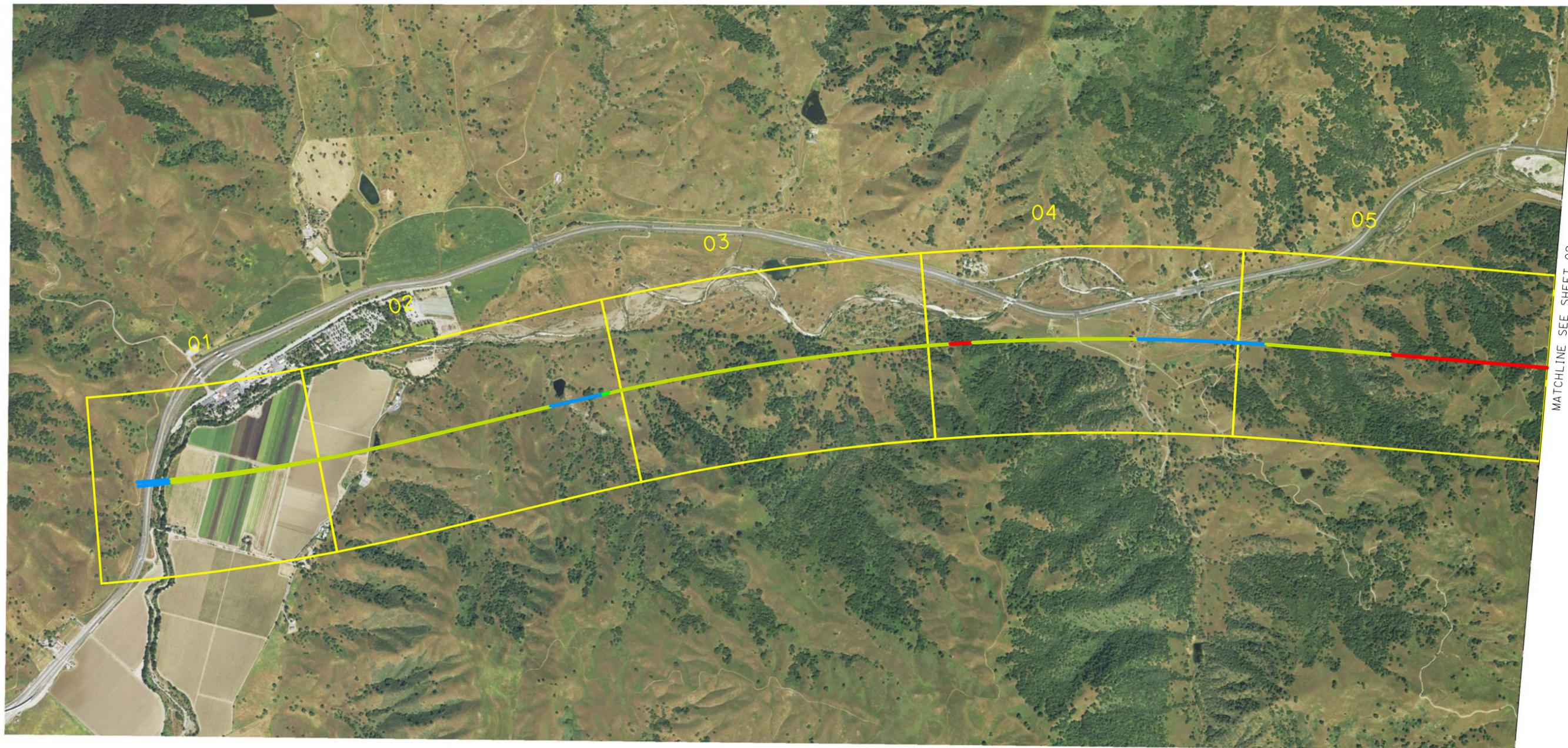
Pacheco Pass Subsection  
Refined Program Alignment Alternative

April 2010



California High-Speed Rail Authority





MATCHLINE SEE SHEET 02

**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

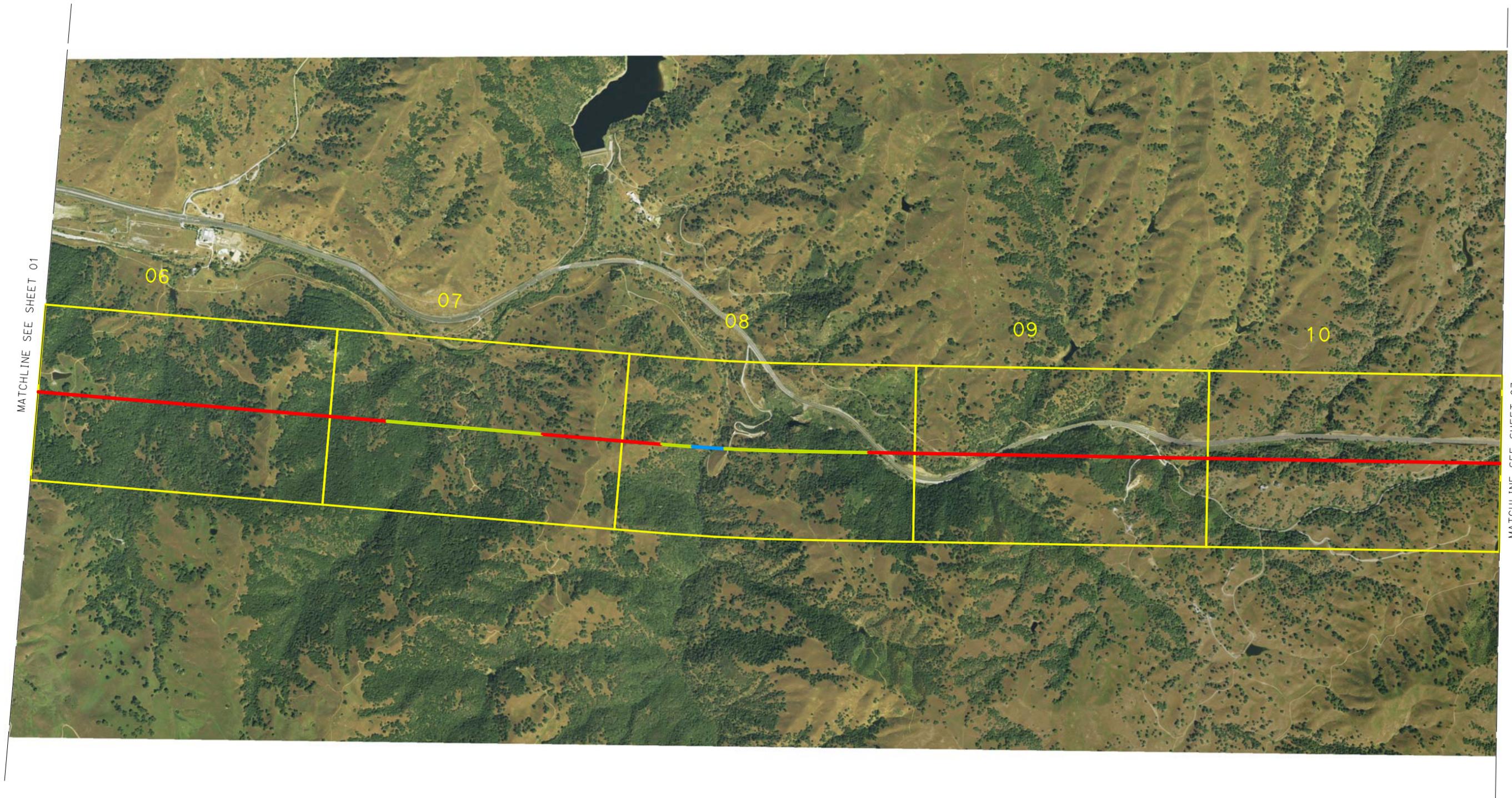
**NOTES:**

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2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
 PACHECO PASS SUBSECTION  
 REFINED PROGRAM ALIGNMENT ALTERNATIVE  
 KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	1 OF 5



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

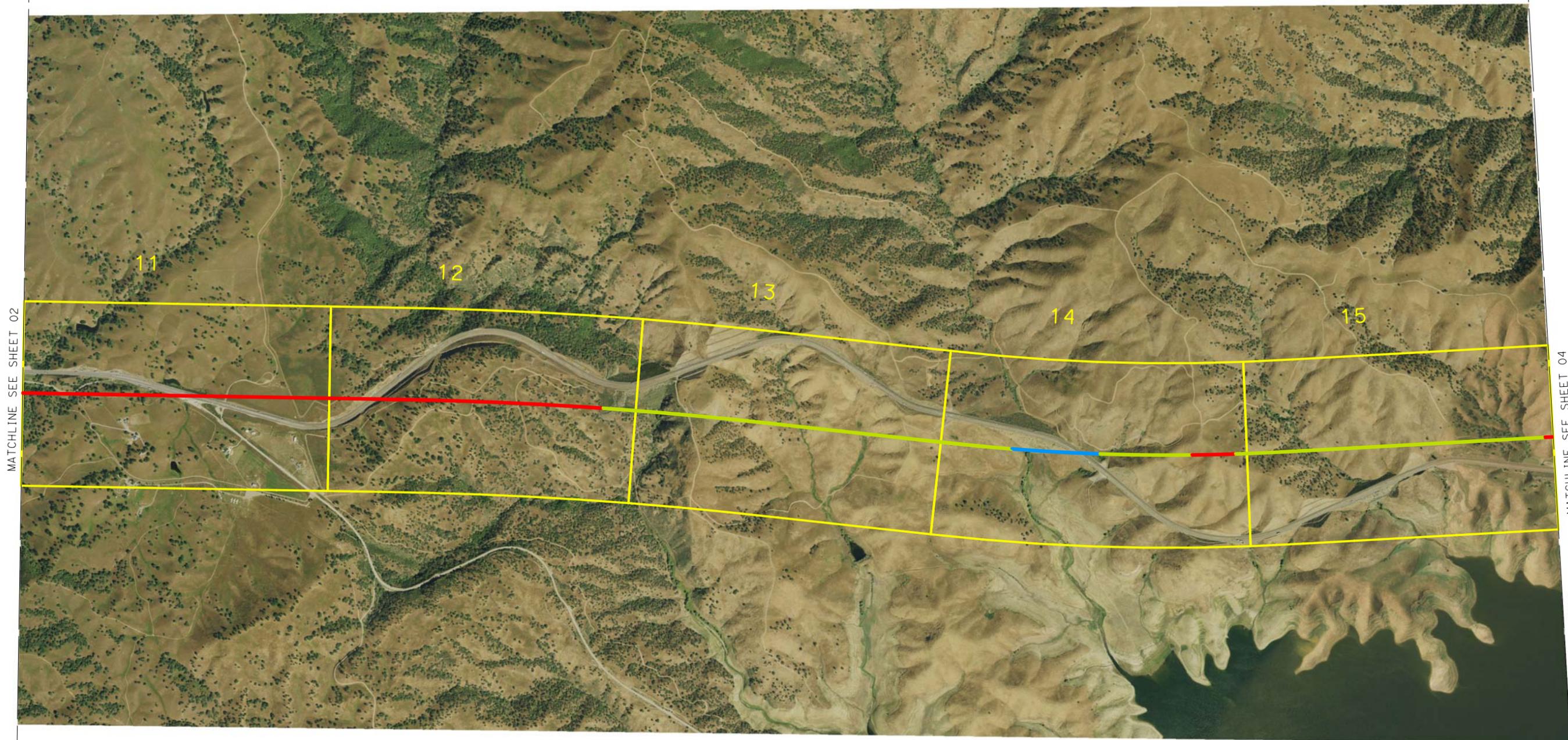
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	2 OF 5



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

**NOTES:**

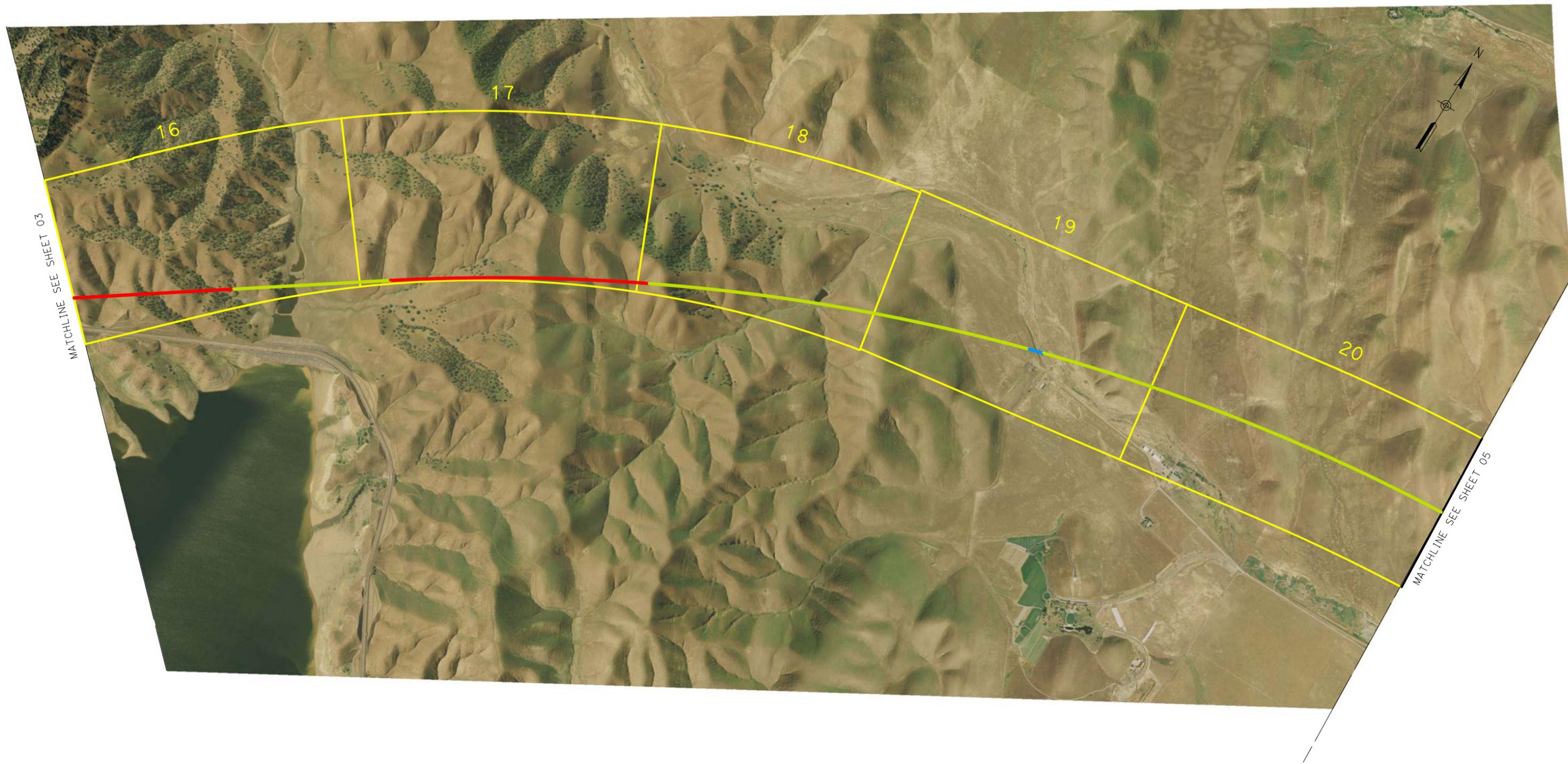
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

PACHECO PASS SUBSECTION  
REFINED PROGRAM ALIGNMENT ALTERNATIVE  
KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	3 OF 5



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	4 OF 5



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

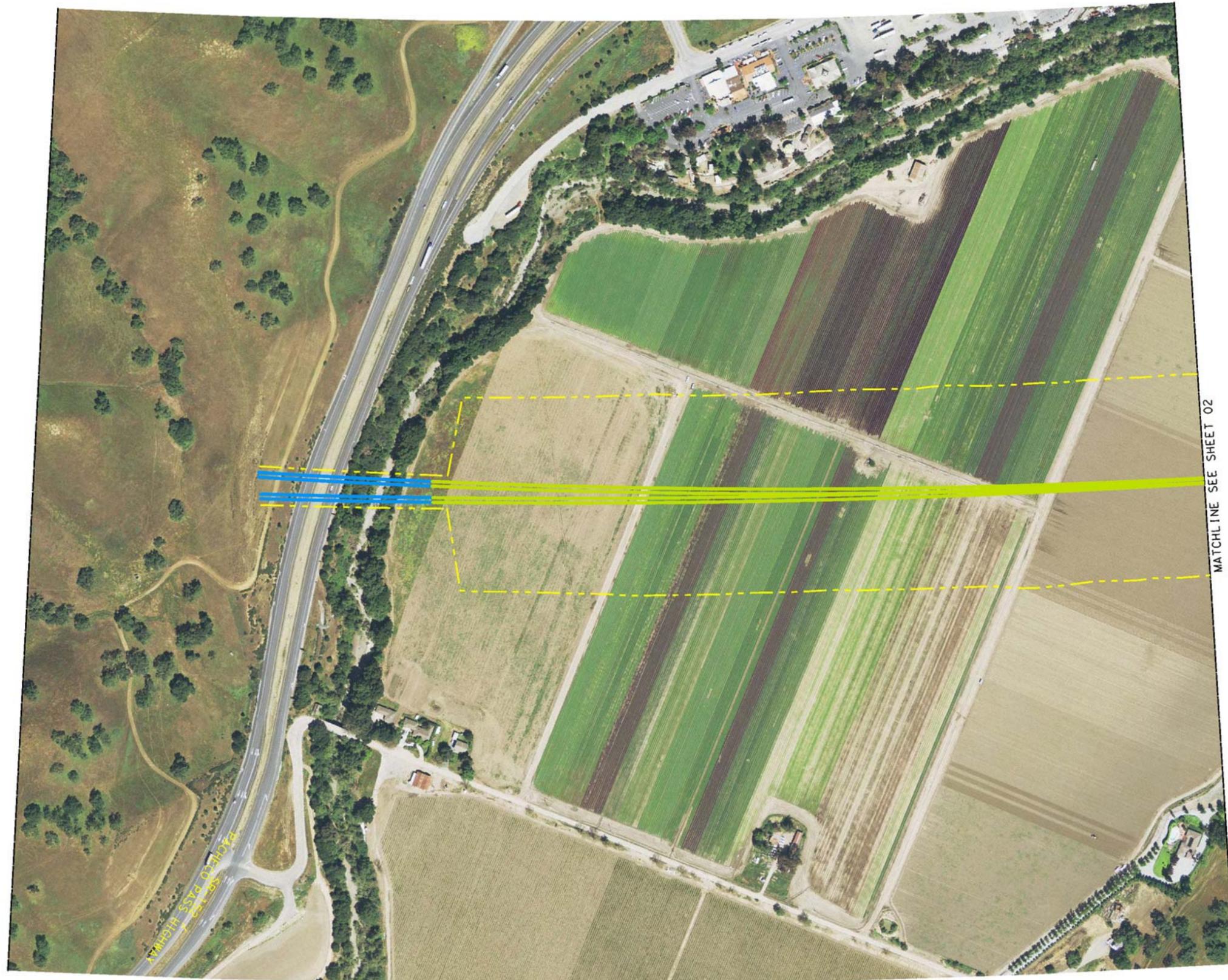
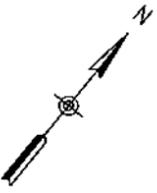
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	5 OF 5



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

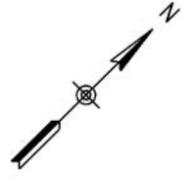
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SHEET NO.	1 OF 22



**LEGEND:**

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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

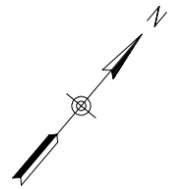
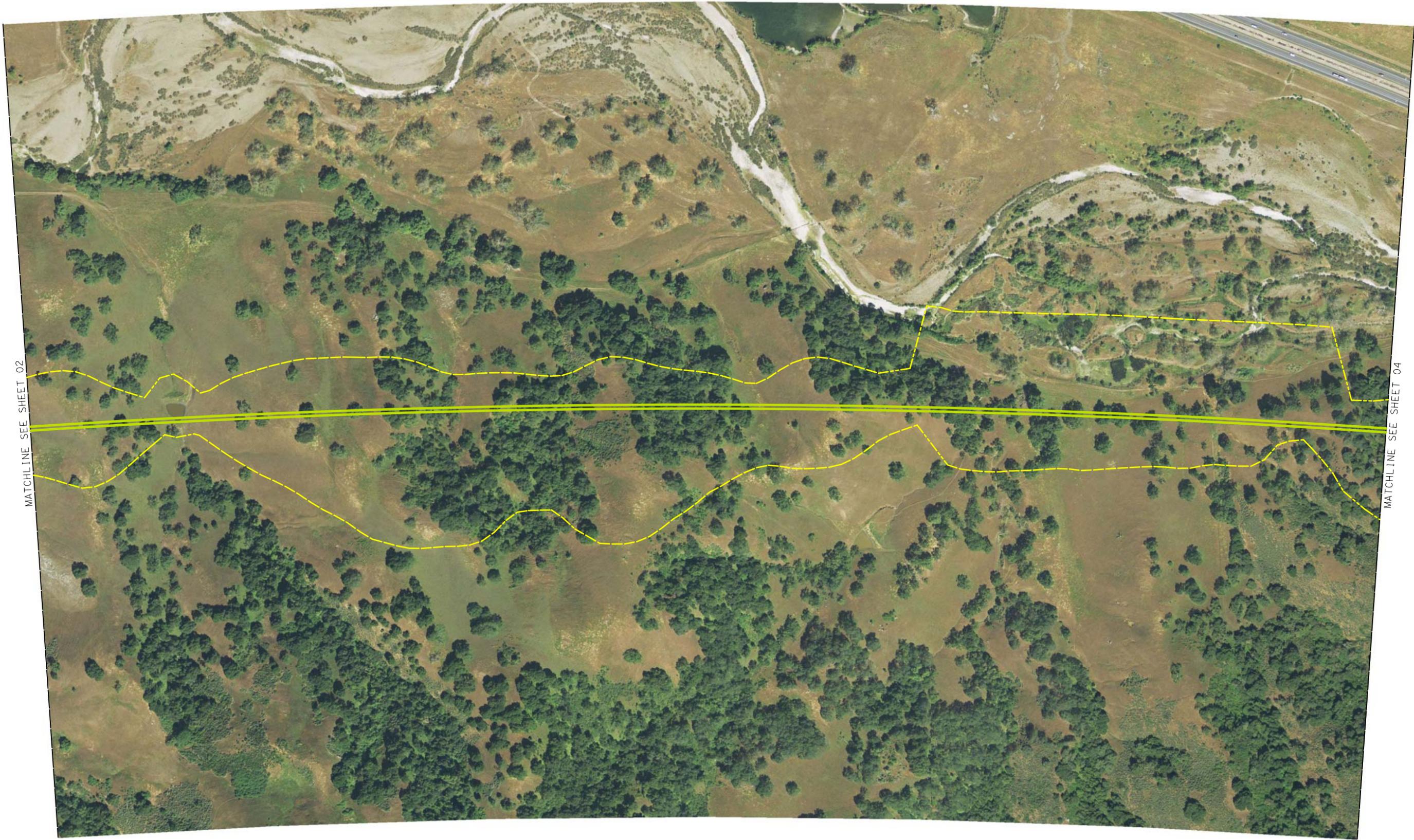
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SCALE	AS SHOWN
SHEET NO.	2 OF 22



MATCHLINE SEE SHEET 02

MATCHLINE SEE SHEET 04



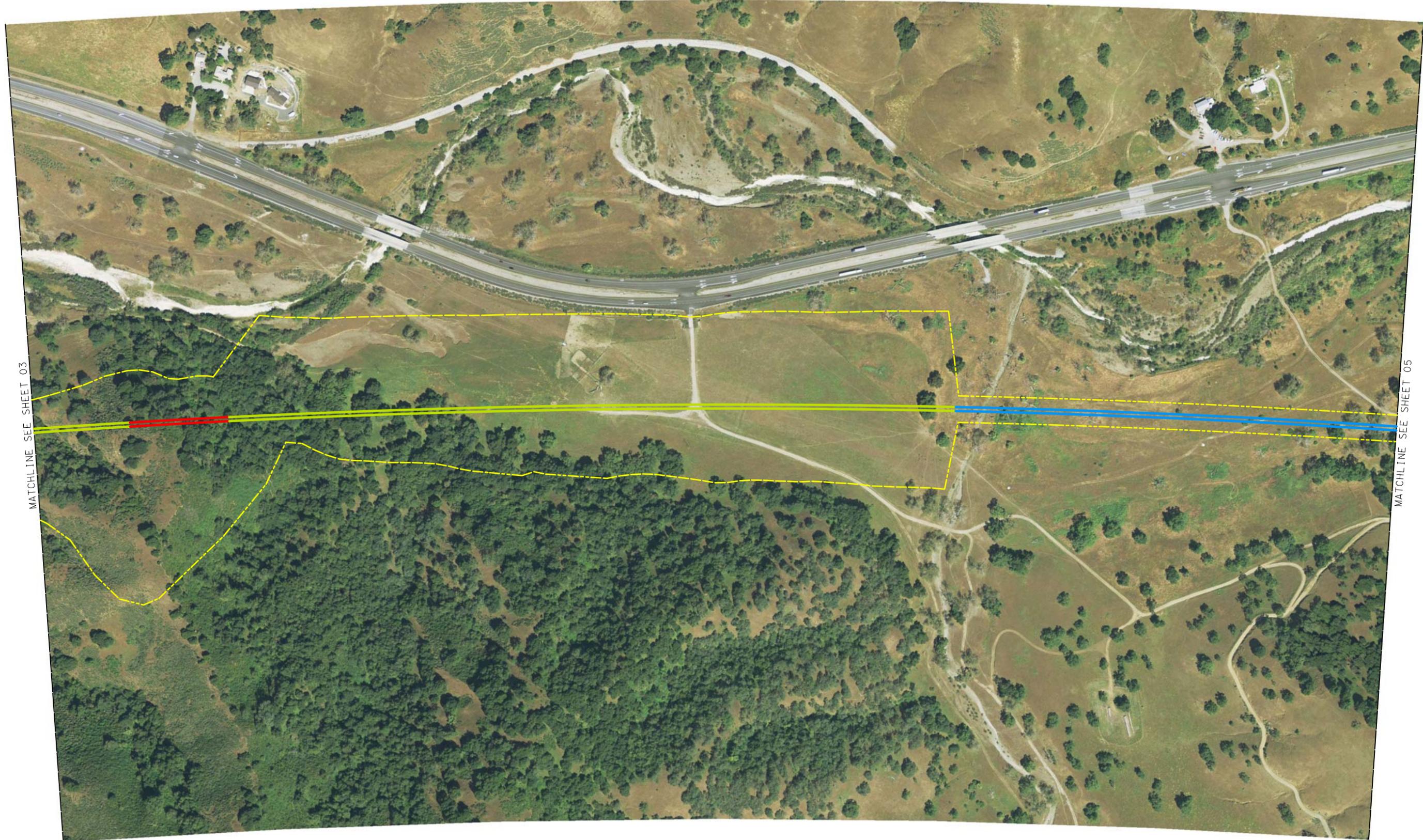
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	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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SHEET NO.	3 OF 22



MATCHLINE SEE SHEET 03

MATCHLINE SEE SHEET 05



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

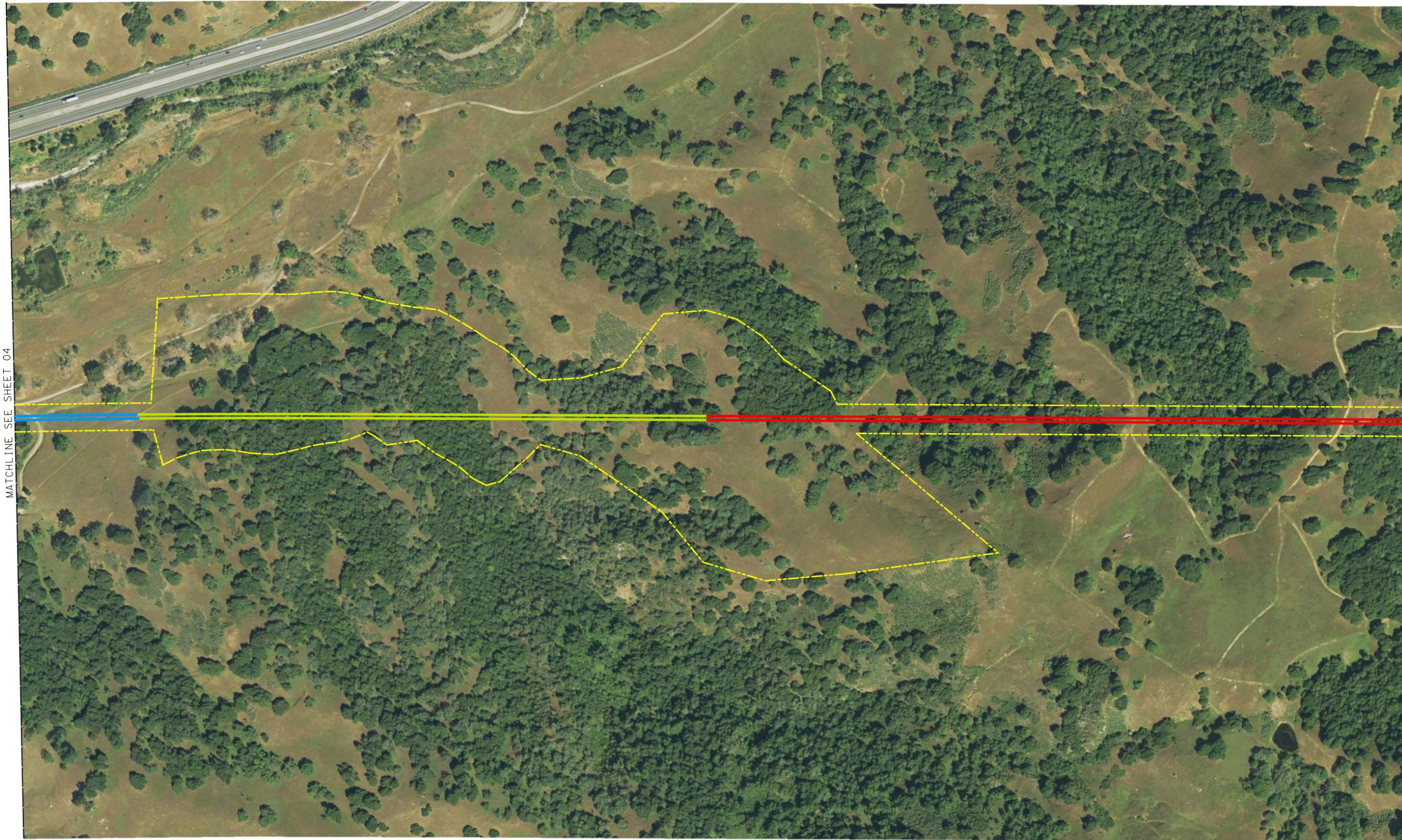
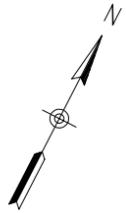
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SHEET NO.	4 OF 22



**LEGEND:**

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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

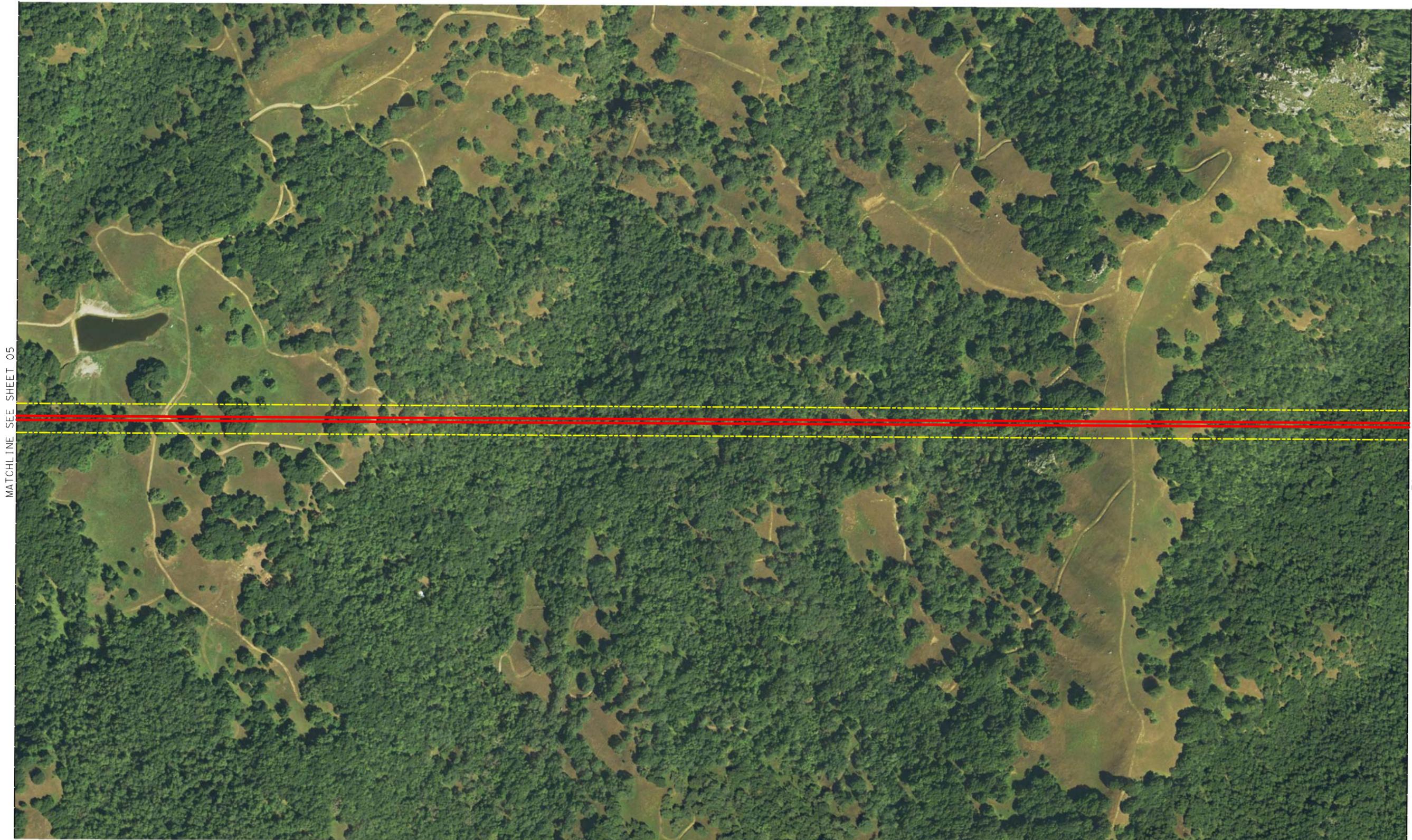
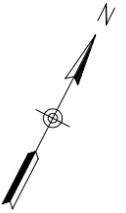
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SHEET NO.	5 OF 22



MATCHLINE SEE SHEET 05

MATCHLINE SEE SHEET 07



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

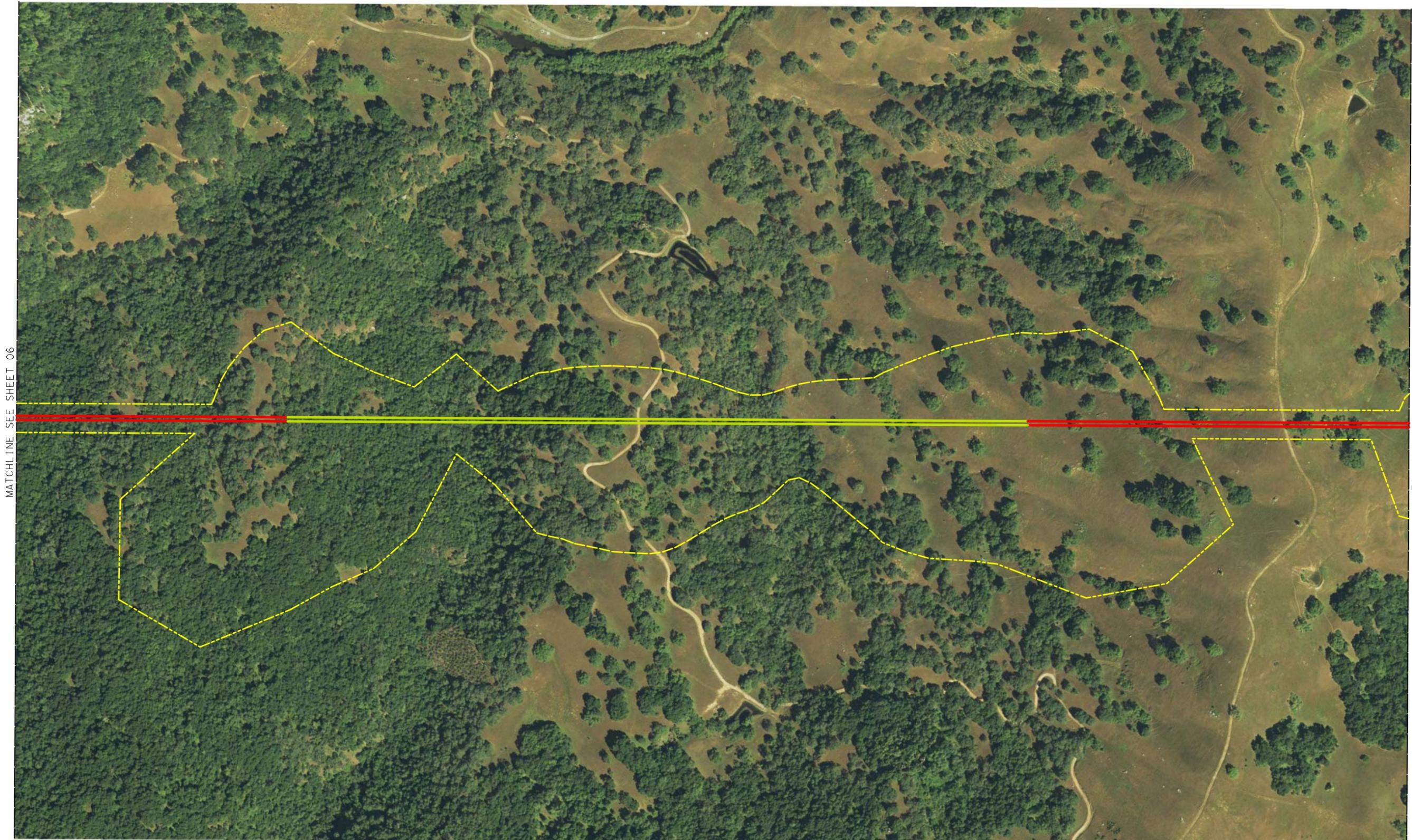
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DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	6 OF 22



MATCHLINE SEE SHEET 06

MATCHLINE SEE SHEET 08



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

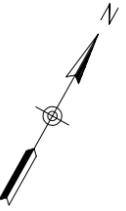
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SHEET NO.	7 OF 22



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

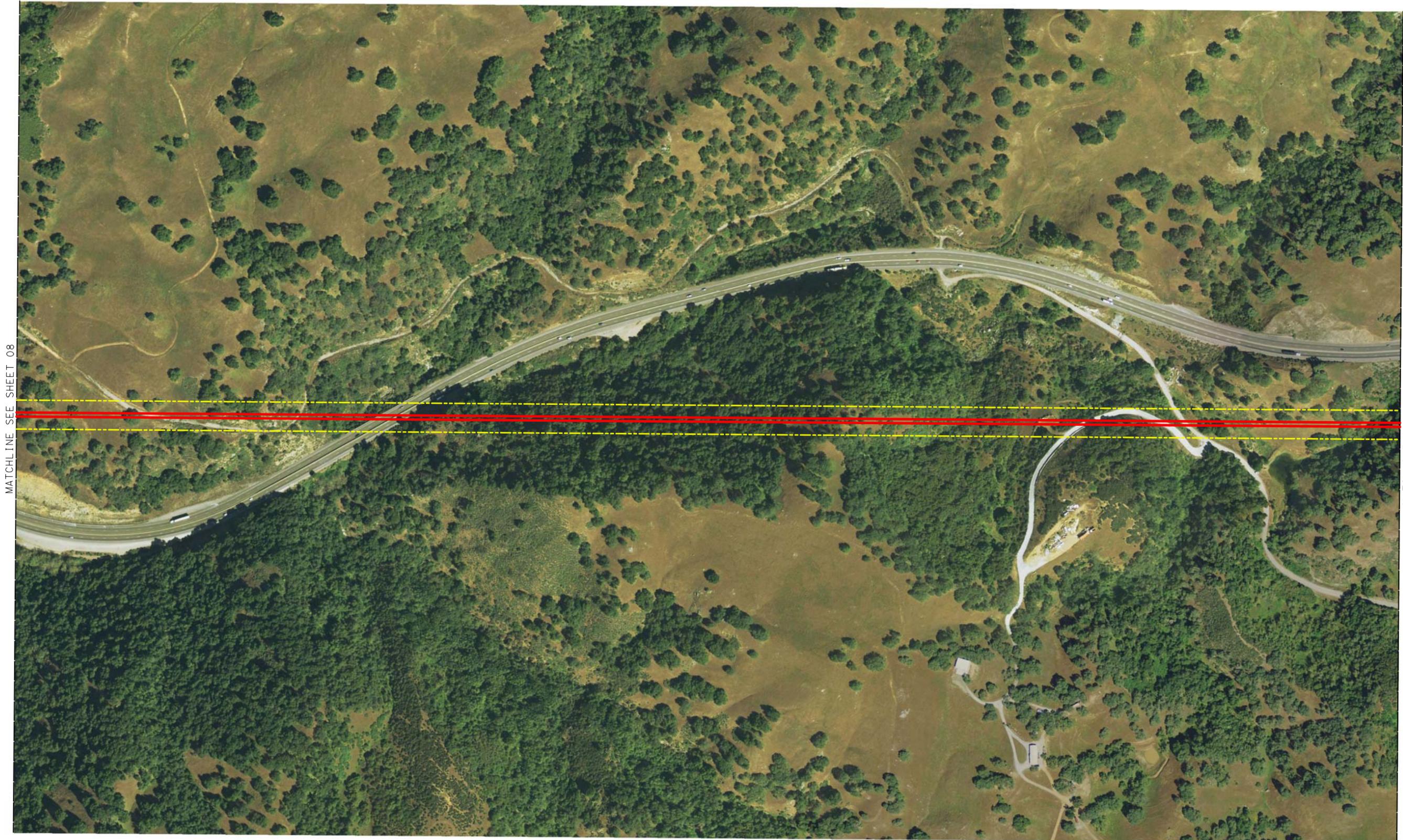
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CONTRACT NO.	HSR08-05
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SCALE	AS SHOWN
SHEET NO.	8 OF 22



MATCHLINE SEE SHEET 08

MATCHLINE SEE SHEET 10



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

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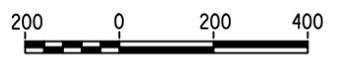
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 REFINED PROGRAM ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	9 OF 22



MATCHLINE SEE SHEET 09

MATCHLINE SEE SHEET 11



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

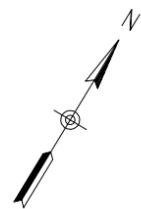
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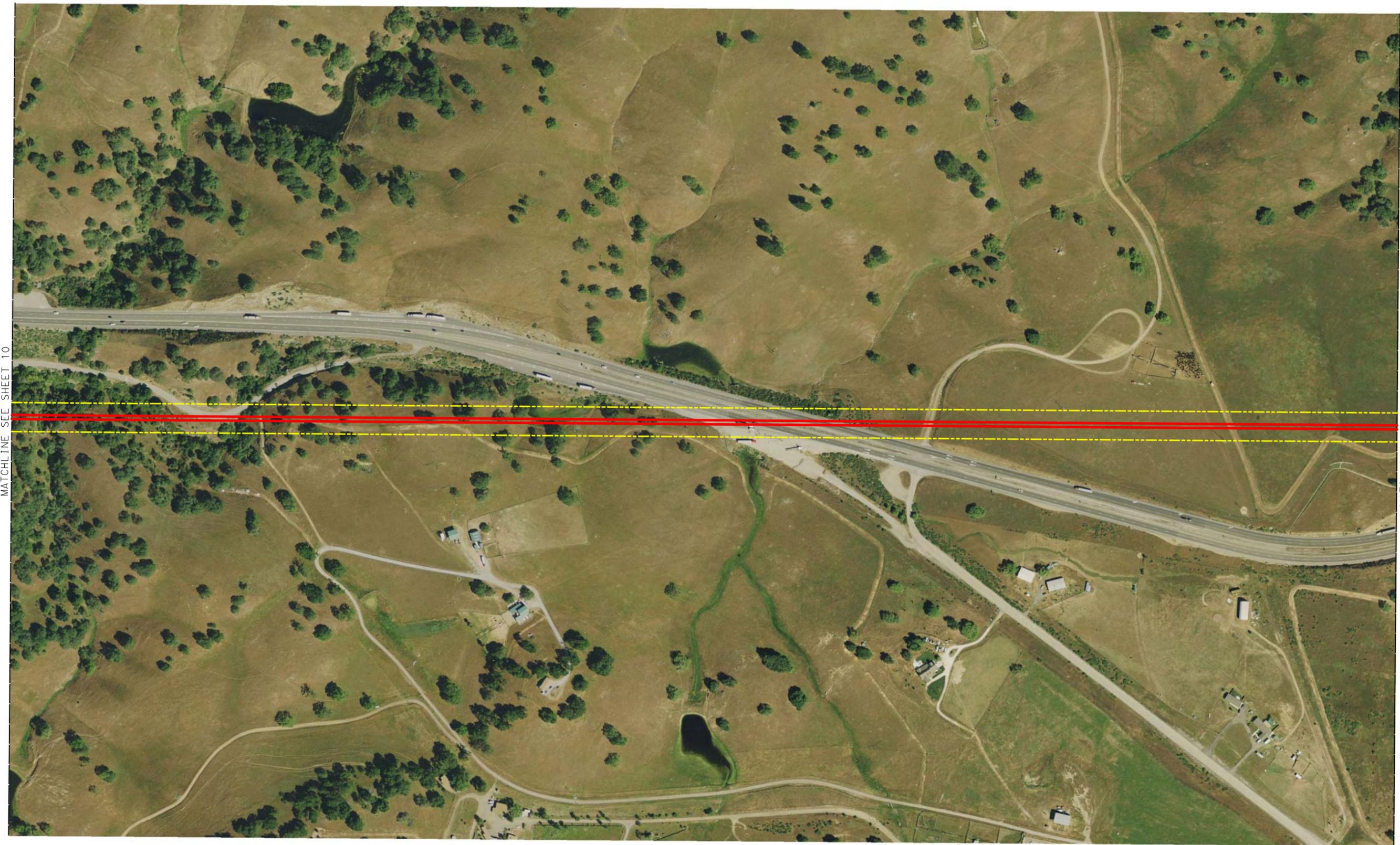
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CONTRACT NO.	HSR08-05
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SCALE	AS SHOWN
SHEET NO.	10 OF 22



MATCHLINE SEE SHEET 10

MATCHLINE SEE SHEET 12



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

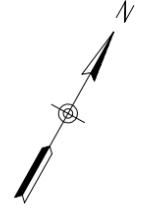
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DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	11 OF 22



MATCHLINE SEE SHEET 11

MATCHLINE SEE SHEET 13



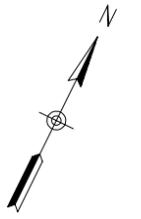
LEGEND:	
	AT GRADE ALIGNMENT
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	12 OF 22



MATCHLINE SEE SHEET 12

MATCHLINE SEE SHEET 14



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

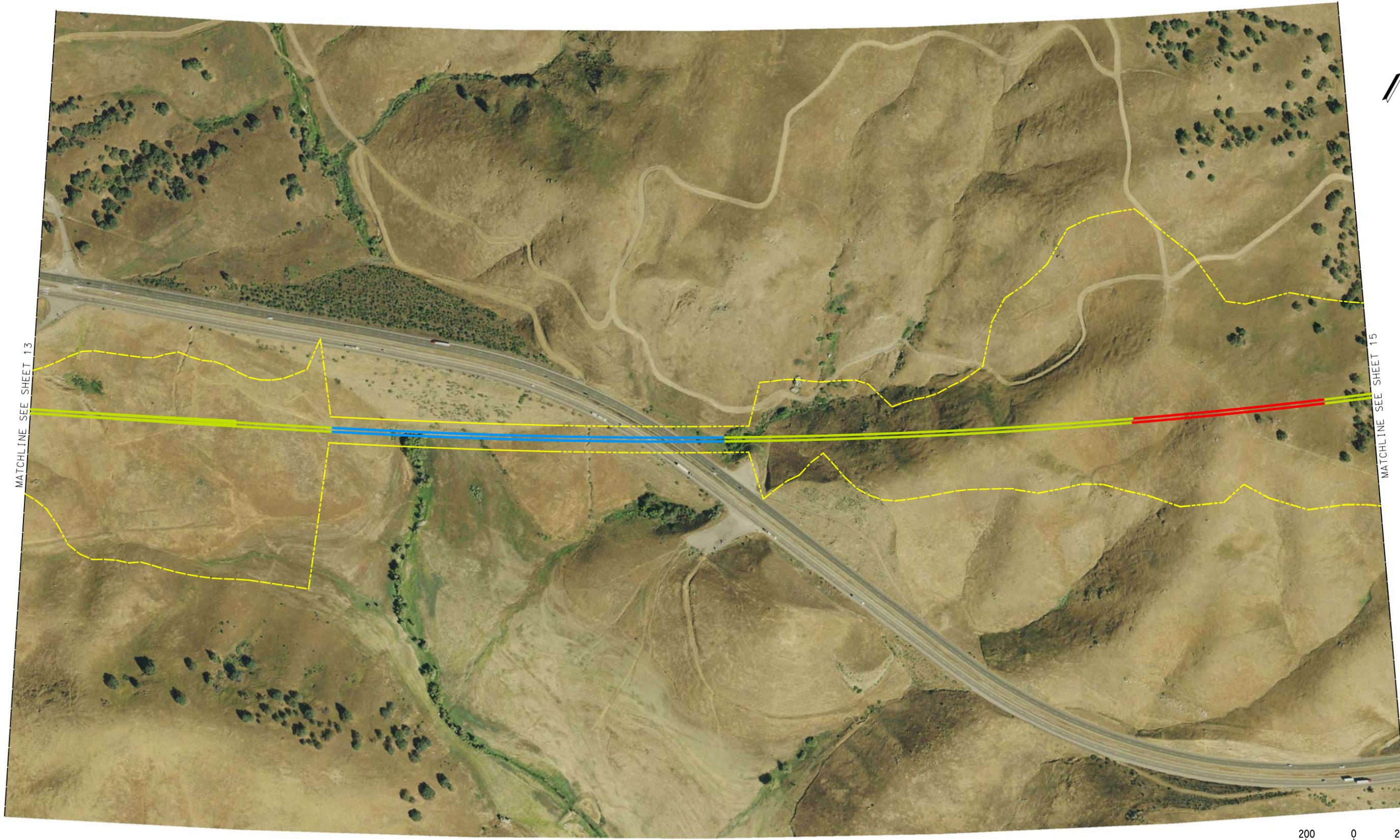
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DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	13 OF 22



MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 15



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

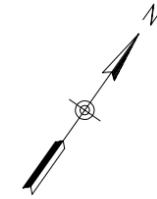
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SCALE	AS SHOWN
SHEET NO.	14 OF 22



MATCHLINE SEE SHEET 14

MATCHLINE SEE SHEET 16



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

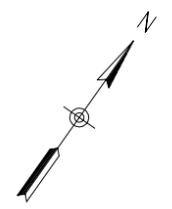
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SHEET NO.	15 OF 22



MATCHLINE SEE SHEET 15

MATCHLINE SEE SHEET 17



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

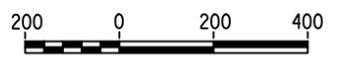
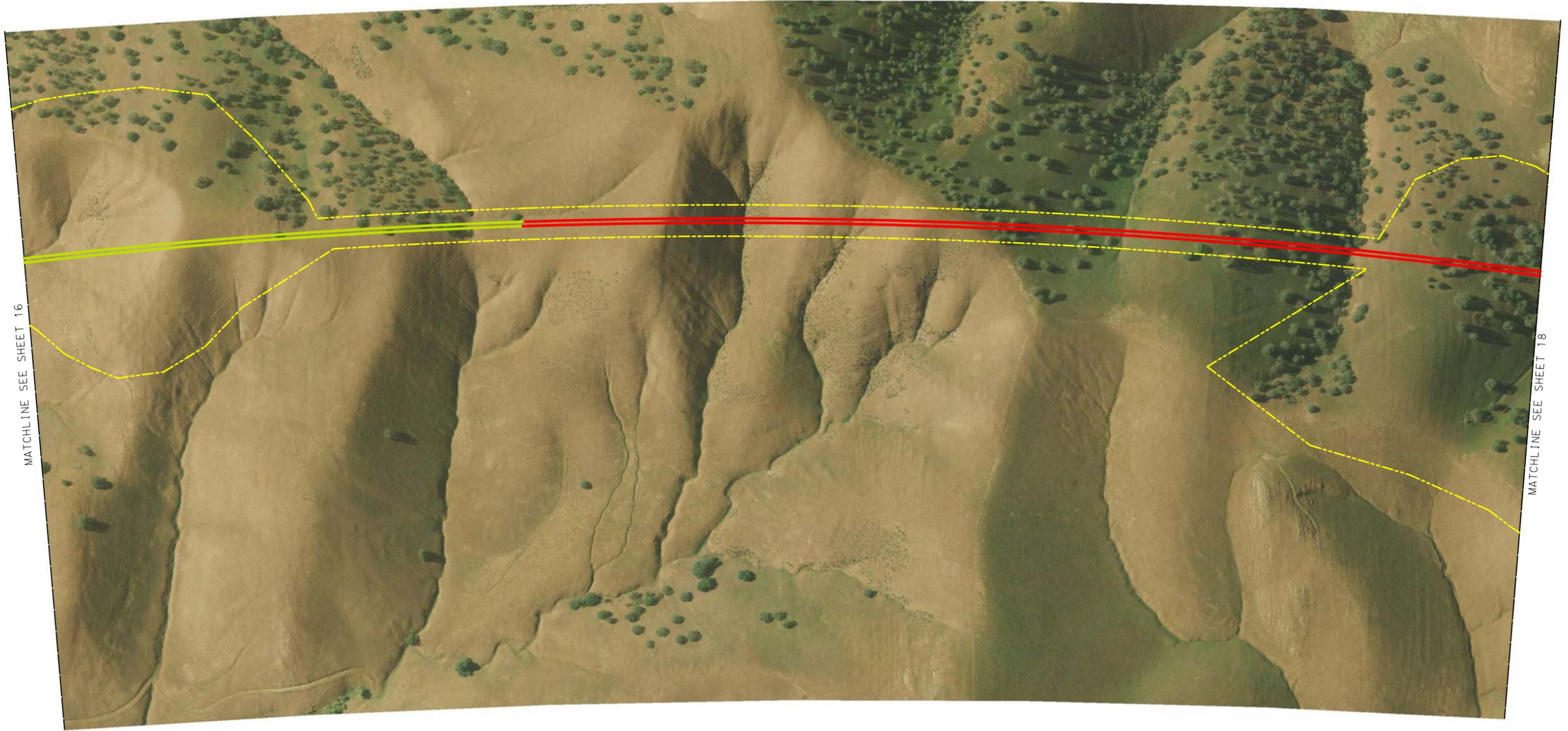
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**LEGEND:**

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	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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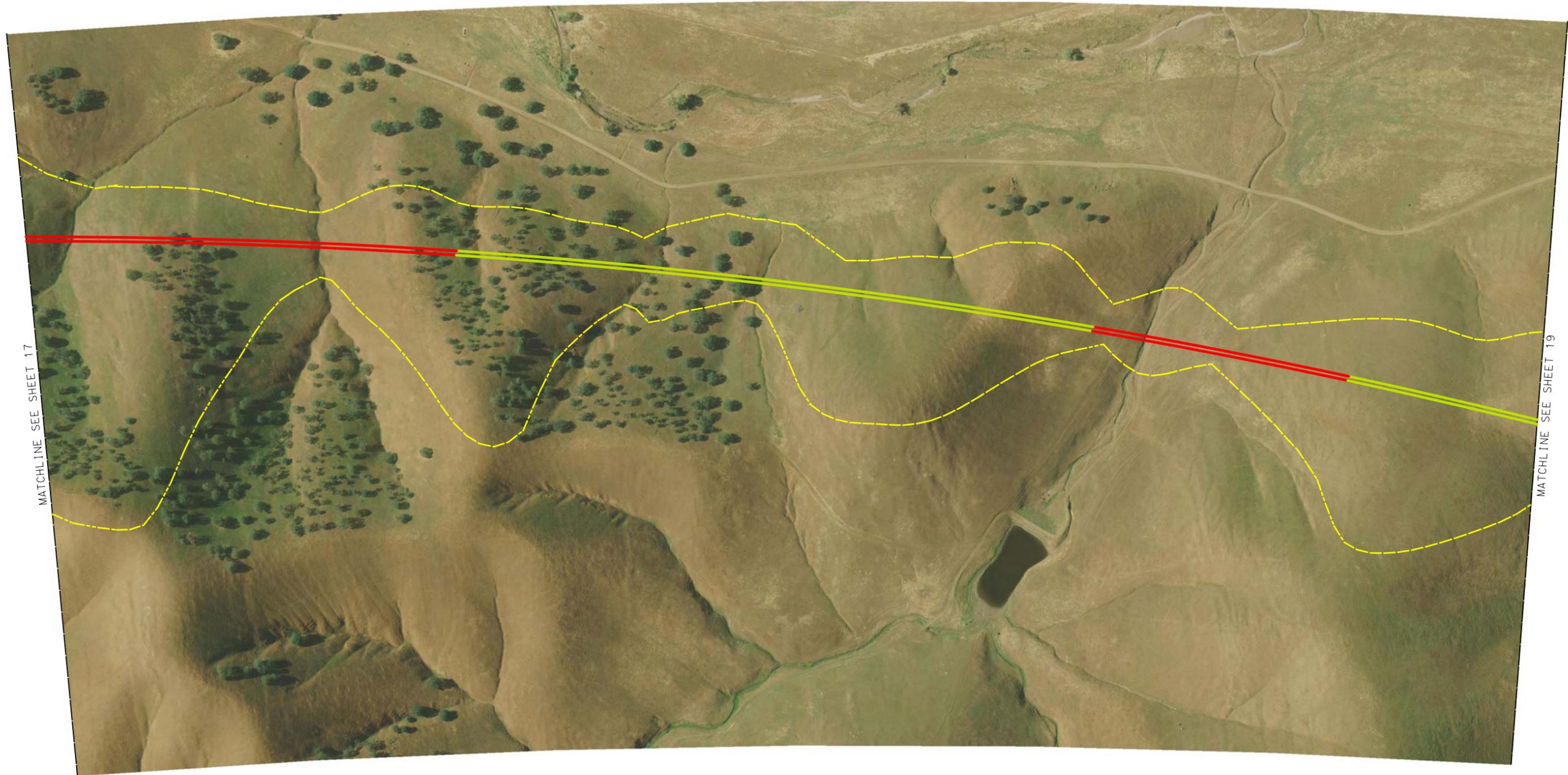
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SHEET NO.	17 OF 22



MATCHLINE SEE SHEET 17

MATCHLINE SEE SHEET 19



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

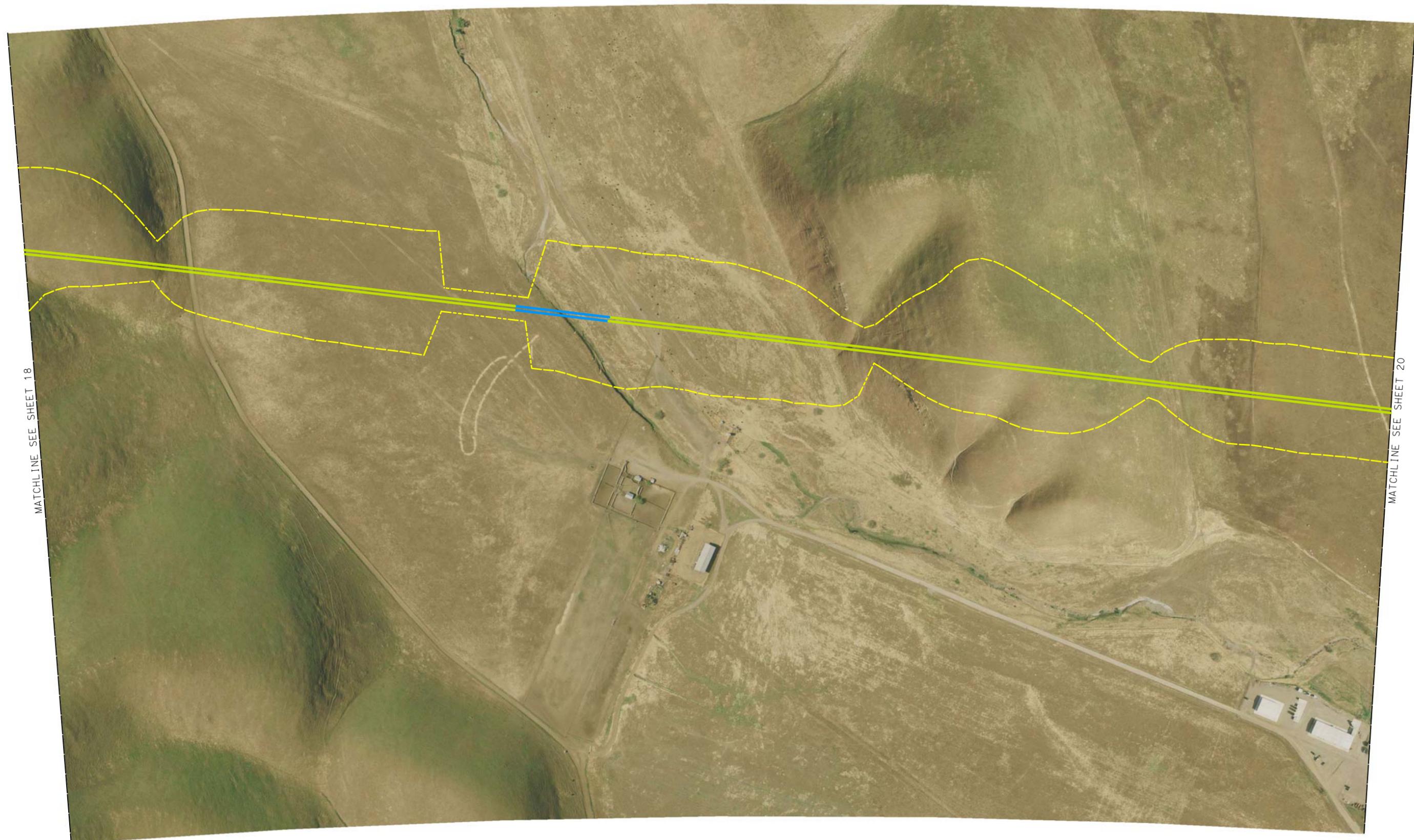
**NOTES:**

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
 PACHECO PASS SUBSECTION  
 REFINED PROGRAM ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	18 OF 22



MATCHLINE SEE SHEET 18

MATCHLINE SEE SHEET 20



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

**NOTES:**

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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	19 OF 22



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

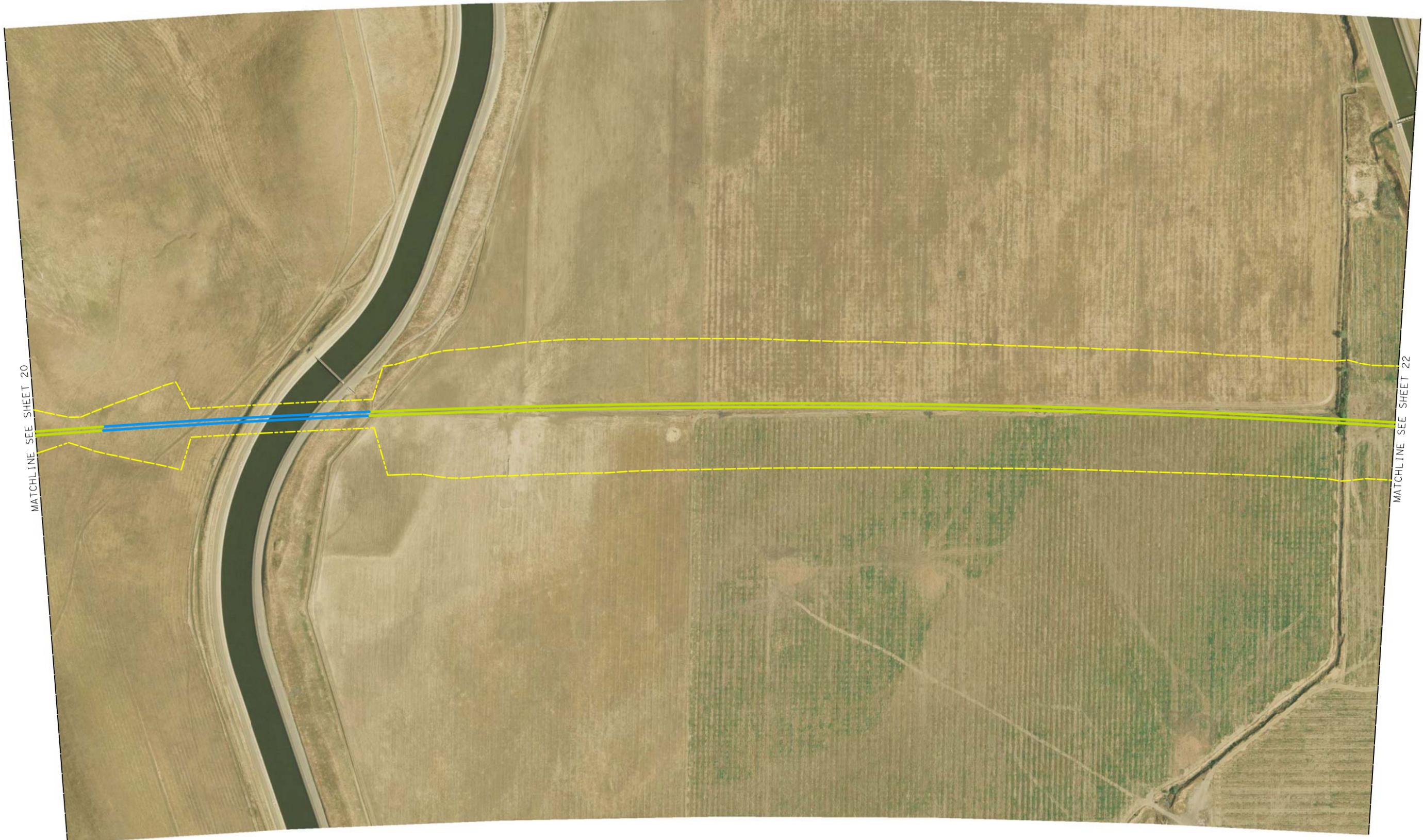
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DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	20 OF 22



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

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DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	21 OF 22



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

**NOTES:**

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SCALE	AS SHOWN
SHEET NO.	22 OF 22